



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTATTY. DOCKET NO.
24745-1613SERIAL NO.
10/099,700APPLICANT
Madison *et al.*CUST. NO.
24961CONF. NO.
4309FILING DATE
March 13, 2002GROUP NO.
1652

IDC-US Ref -2

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>WWM</i>	A	0	1	5	3	0	1	4	08/14/03	Shen <i>et al.</i>	435	7.9	01/30/03
<i>WWM</i>	B	0	1	6	5	3	7	6	11/07/02	Walke <i>et al.</i>	536	32.2	11/07/02

IDC-For Ref -1

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
<i>WWM</i>	C	0	1	9	8	4	6	8	12/27/01	PCT A2	—	—		

IDC-Other Ref -1

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>WWM</i>	D	Seffernick <i>et al.</i> , "Mealamine daminase and atrazine chlorohydrolase: 98 percent identical but functionally different", <i>J. Biochem.</i> , 183:2405-2410 (2001)											
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Examiner William W Moore Date Considered 18 November 2003

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24745-1613	SERIAL NO. 10/099,700
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Madison et al.	CUST. NO. CONF. NO. 24961 4309
	FILING DATE March 13, 2002	GROUP NO. 1652

IDC-US Ref -3

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
T.S. 7/25/06 WUM	A	0	0	1	9	0	0	6	02/14/02	Yuan et al.	435	6	08/03/01
WUM	B	0	0	6	4	8	5	6	05/30/02	Plowman et al.	435	226	06/26/01
WUM	C	6	3	6	5	3	9	1	04/02/02	Webster et al.	435	183	12/13/00

IDC-For Ref -4

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
WUM	D	0	1	2	7	6	2	4	04/19/01	PCT A2	—	—		
WUM	E	0	1	7	5	0	6	7	10/11/01	PCT A2	—	—		
WUM	F	0	2	0	6	4	5	3	01/24/02	PCT A2	—	—		
WUM	G	0	2	2	6	9	4	7	04/04/02	PCT A2	—	—		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

William W. Moore

DATE CONSIDERED

5 November 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24745-1613SERIAL NO.
10/099,700LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
Madison *et al.*FILING DATE
March 13, 2002GROUP
1645/652

IDC-US Ref -6

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>WWM</i>	A	0	0	3	7	8	5	7	03/28/02	Simple <i>et al.</i>	514	19	12/17/00
<i>WWM</i>	B	0	1	0	7	2	6	6	08/08/02	Lim-Wilby <i>et al.</i>	514	339	12/11/01
	C	0	1	6	0	9	6	2	10/31/02	Saksena <i>et al.</i>	514	19	07/19/01
	D	5	5	8	9	1	5	4	12/31/96	Anderson	424	1.41	11/22/94
✓	E	5	8	0	4	4	1	0	09/03/98	Yamaoka <i>et al.</i>	435	69.1	07/28/95
<i>WWM</i>	F	6	2	9	4	6	6	3	09/25/01	O'Brien <i>et al.</i>	536	23.5	03/02/00

IDC-For Ref -16

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
<i>WWM</i>	G	0	0	1	2	7	0	8	03/09/00	PCT				
↑	H	0	0	5	0	0	6	1	08/31/00	PCT				
	I	0	0	5	2	0	4	4	09/08/00	PCT				
	J	0	0	5	3	7	5	6	09/14/00	PCT				
	K	0	0	5	5	1	2	4	09/21/00	PCT				
	L	0	0	6	8	2	4	7	11/16/00	PCT				
	M	0	0	7	8	9	6	1	12/28/00	PCT				
	N	0	1	0	4	1	4	1	01/18/01	PCT				
	O	0	1	4	9	8	6	4	07/12/01	PCT				
	P	0	1	6	8	8	4	8	09/20/01	PCT				
	Q	0	2	5	7	3	5	2	03/02/87	EP				X*
	R	0	2	0	0	8	1	87	01/31/02	PCT				
	S	0	2	0	0	8	6	0	01/03/02	PCT				
	T	0	2	0	4	8	0	97	06/20/02	PCT				
✓	U	0	2	0	7	2	7	86	09/19/02	PCT				
<i>WWM</i>	V	0	2	0	7	7	2	63	10/03/02	PCT				

EXAMINER

William W. Moon

DATE CONSIDERED

29 October 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17106-024001 (24745-1613)	Application No. 10/099,700 Conf. No. 4309
	Applicant Edwin L. Madison, et al.			
	Filing Date March 13, 2002	Group Art Unit 1652 Customer No 20985		

IDC-UIS Ref -3

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
WWM	A	60/257,495		Zerhusen et al.	435	6	12/21/00
WWM	B	2003-0175938	9/18/03	Shi et al.	435	193	
WWM	C	2003-0232349	12/18/03	Delegeane et al.	435	226	

IDC-For Ref -2

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
WWM	D	WO 03/104391	12/18/03	PCT	—	—		
WWM	E	WO 04/005471	1/15/04	PCT	—	—		

IDC-Other Ref -11

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
WWM	F	Bork, P., "Powers and Pitfalls in Sequence Analysis: the 70% Hurdle," <i>Genome Research</i> 10: 398-400 (2000)
	G	Broun et al., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids," <i>Science</i> 282:1315-1317 (1998)
	H	Bryan, Philip N., "Protein engineering of subtilisin," <i>Biochimica et Biophysica Acta</i> 1543:203-222 (2000)
	I	Lu et al., "Crystal Structure of Enteropeptide Light Chain Complexed with an Analog of the Trypsinogen Activation Peptide," <i>J. Mol. Biol.</i> , 292:361-373 (1999)
	J	Ngo et al. "Computational Complexity, Protein Structure Prediction, and the Levinthan Paradox," Chapter 14 in <i>The Protein folding problem and tertiary structure prediction</i> Kenneth M. Merz, Jr. and Scott M. Le Grand (Eds.) Boston: Birkhäuser pp. 433-506 (1994)
	K	Nienaber et al., "Re-engineering of Human Urokinase Provides a System for Structure-based Drug Design at High Resolution and Reveals a Novel Structural Subsite," <i>The Journal of Biological Chemistry</i> , 275 (10):7239-7248 (2000)
	L	Sommerhoff, et al., "The structure of the human β II-tryptase tetramer: fo(u)r better or worse," <i>Proc Natl Acad Sci U.S.A.</i> , 96:10984-10991 (1999)
	M	Van de Loo et al. "An oleate 12-hydroxylase from <i>Ricinus communis</i> L. is a fatty acyl desaturase homolog," <i>Proc. Natl. Acad. Sci. USA</i> 92:6743-6747 (1995)
	N	Venekei et al., "Attempts to convert chymotrypsin to trypsin," <i>FEBS Letters</i> 379, 143-147 (1996)
✓	O	Wikowski et al, "Conversion of a β -Ketoacyl Synthase to a Malonyl Decarboxylase by Replacement of the Active-Site Cysteine with Glutamine," <i>Biochemistry</i> 38:11643-11650 (1999)
WWM	P	Xu et al., "Mutational Analysis of the Primary Substrate Specificity Pocket of Complement Factor B," <i>THE JOURNAL OF BIOLOGICAL CHEMISTRY</i> , 275 (1):378-385 (2000)

10397478.doc

Examiner Signature <i>William W. Moore</i>	Date Considered <i>2 September 2004</i>
EXAMINER: Initials & date considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. NUCLEIC ACID MOLECULES ENCODING A TRANSMEMBRANE SERINE PROTEASE 7, THE ENCODED POLYPEPTIDES AND METHODS BASED THEREON	

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24745-1613	SERIAL NO. 10/099,700	
	APPLICANT Madison <i>et al.</i>	CUST. NO. 24961	CONF. NO. 4309
	FILING DATE March 13, 2002	GROUP NO. 1652	

IDC-US Ref -11

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
2004/ <i>WWM</i>	A	0	0	0	1	8	0	1	01/01/04	Madison <i>et al.</i>	424	85.1	05/23/02
2003/	B	0	0	5	0	2	5	1	03/13/03	Sampe <i>et al.</i>	514	19	03/05/02
2003/	C	0	0	7	7	6	9	7	04/24/03	Gerlach Gerlock <i>et al.</i>	435	69.1	07/03/01
2003/	D	0	1	1	9	1	6	8	06/26/03	Madison <i>et al.</i>	435	226	02/02/01
2003/	E	0	1	3	4	2	9	8	07/17/03	Madison <i>et al.</i>	435	6	07/30/02
2003/	F	0	1	3	4	7	9	4	07/17/03	Madison <i>et al.</i>	514	12	11/20/02
2003/	G	0	1	4	3	2	1	9	07/31/03	Madison <i>et al.</i>	424	94.67	10/08/02
2003/	H	0	1	6	6	8	5	1	09/04/03	Madison <i>et al.</i>	530	350	03/27/02
2003/	I	0	1	8	1	6	5	8	09/25/03	Madison <i>et al.</i>	530	350	03/20/02
2003/	J	0	1	8	6	3	2	9	10/02/03	Madison <i>et al.</i>	435	7.1	01/21/03
2003/ <i>WWM</i>	K	0	2	3	5	9	0	0	12/25/03	Madison <i>et al.</i>	435	226	05/14/02

T.S.
7/25/06

IDC-For Ref -2

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
<i>WWM</i>	L	0	3	0	3	1	5	85	04/17/03	PCT	—	—		
<i>WWM</i>	M	0	3	0	4	4	1	79	05/30/03	PCT	—	—		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>WWM</i>	N	Bergstrom <i>et al.</i> , "Binding of nonphysiological protein and peptide substrates to proteases: differences between urokinase-type plasminogen activator and trypsin and contributions to the evolution of regulated proteolysis", <i>Biochem.</i> , 42:5395-402 (2003)											
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IDC-Other Ref -1

EXAMINER *William W. Moore* | DATE CONSIDERED *2 September 2004*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: NUCLEIC ACID MOLECULES ENCODING A TRANSMEMBRANE SERINE PROTEASE 7, THE ENCODED POLYPEPTIDES AND METHODS BASED THEREON